

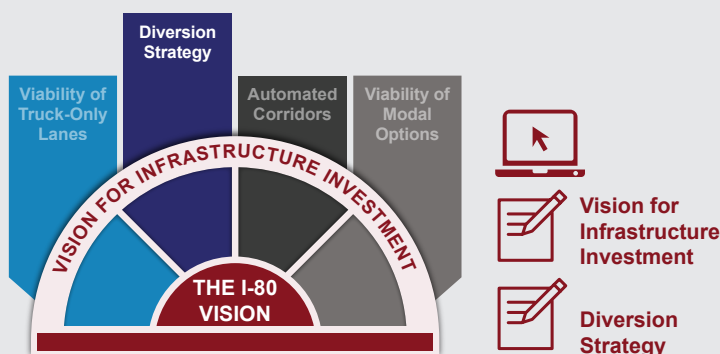
# I-80 INTEGRATED VISION: DIVERSION STRATEGY

July 2018



## INTERSTATE 80 PLANNING AND ENVIRONMENTAL LINKAGES (PEL) STUDY

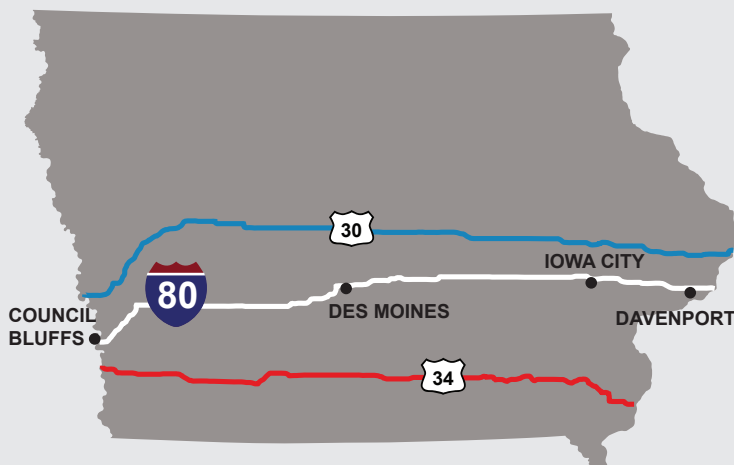
The I-80 Vision is an integrated mobility solution for Iowa. It is the compilation of parts of multiple individual strategies that combine for a comprehensive, long-term solution. Together, these strategies provide a system framework for improving east-west travel across Iowa. The diversion of traffic to other corridors was examined as a standalone improvement strategy.



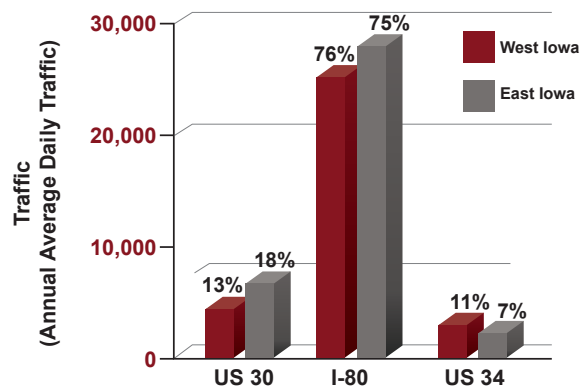
## Strategy Description

East-west travel across central and southern Iowa is served by three primary highway corridors – US 30, I-80, and US 34. Together they serve local and regional travel. Given their proximity, the study asked:

- Could improvements to these parallel routes improve travel along I-80, or are improvements needed along the interstate regardless?
- Working as a highway system, how might these alternate routes play a part in meeting the needs of Iowa?



## EXISTING DAILY TRAFFIC ACROSS IOWA



## Features of the Strategy

Both US 30 and US 34 currently consist of combinations of two-lane and four-lane roadways. The Diversion Strategy includes constructing four lanes across Iowa for these alternative routes, individually or combined, without improving I-80.

## I-80 QUALITY OF TRAFFIC SERVICE IN 2040



## Integration with the Vision

Directly widening I-80 is the most effective and efficient solution. Alternate route improvements would not shift enough traffic away from the interstate to help solve its traffic-related issues. While not a reasonable solution for I-80, improvements to these alternative routes should continue to be evaluated based on their individual needs, including local improvements, as funding and statewide priorities allow.

## Study Recommendations

- Improving either or both US 30 and US 34 would not significantly reduce I-80 traffic.
- Widening of I-80 is needed independent of US 30 and US 34.
- US 30, I-80, and US 34 provide a system network to serve regional and local travel.